

Title (en)
UREA DERIVATIVES AS INHIBITORS OF IMPDH ENZYME

Title (de)
HARNSTOFF-DERIVATE ALS IMPDH-ENZYM-INHIBITOREN

Title (fr)
DERIVES D'UREE AGISSANT COMME INHIBITEURS DE L'ENZYME IMPDH

Publication
EP 0902782 A1 19990324 (EN)

Application
EP 97918759 A 19970421

Priority

- US 9706623 W 19970421
- US 63636196 A 19960423
- US 80178097 A 19970214
- US 83216597 A 19970402

Abstract (en)
[origin: WO9740028A1] The present invention relates to a novel class of compounds which are IMPDH inhibitors. This invention also relates to pharmaceutical compositions comprising these compounds. The compounds and pharmaceutical compositions of this invention are particularly well suited for inhibiting IMPDH enzyme activity and consequently, may be advantageously used as therapeutic agents for IMPDH mediated processes. This invention also relates to methods for inhibiting the activity of IMPDH using the compounds of this invention and related compounds.

IPC 1-7
C07D 263/32; A61K 31/42; C07D 413/12; C07C 275/28; C07C 275/34; C07C 275/42

IPC 8 full level
A61K 31/17 (2006.01); **A61K 31/18** (2006.01); **A61K 31/404** (2006.01); **A61K 31/42** (2006.01); **A61K 31/421** (2006.01); **A61K 31/422** (2006.01); **C07D 263/32** (2006.01); **A61P 9/14** (2006.01); **A61P 29/00** (2006.01); **A61P 31/12** (2006.01); **A61P 35/00** (2006.01); **A61P 37/06** (2006.01); **A61P 43/00** (2006.01); **C07C 275/42** (2006.01); **C07D 263/18** (2006.01); **C07D 277/18** (2006.01); **C07D 413/12** (2006.01)

CPC (source: EP US)
A61K 31/404 (2013.01 - EP US); **A61K 31/42** (2013.01 - EP US); **A61K 31/422** (2013.01 - EP US); **A61P 9/14** (2018.01 - EP); **A61P 19/02** (2018.01 - EP); **A61P 29/00** (2018.01 - EP); **A61P 31/12** (2018.01 - EP); **A61P 31/22** (2018.01 - EP); **A61P 35/00** (2018.01 - EP); **A61P 37/00** (2018.01 - EP); **A61P 37/06** (2018.01 - EP); **A61P 43/00** (2018.01 - EP); **C07C 275/42** (2013.01 - EP US); **C07D 263/32** (2013.01 - EP US); **C07D 413/12** (2013.01 - EP US); **Y02P 20/55** (2015.11 - EP US)

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated extension state (EPC)
AL LT LV RO SI

DOCDB simple family (publication)
WO 9740028 A1 19971030; AP 813 A 20000228; AP 9700973 A0 19970731; AU 2678597 A 19971112; AU 723730 B2 20000907; BG 102945 A 19990831; BG 64507 B1 20050531; BR 9708735 A 19990803; CA 2252465 A1 19971030; CA 2252465 C 20070703; CN 1116288 C 20030730; CN 1219929 A 19990616; CN 1515248 A 20040728; CZ 298463 B6 20071010; CZ 338098 A3 19990217; EA 004771 B1 20040826; EA 199800943 A1 19990429; EP 0902782 A1 19990324; HU P0004421 A2 20010428; HU P0004421 A3 20021028; ID 16664 A 19971030; IL 126674 A0 19990817; IL 126674 A 20050831; IN 190508 B 20030802; NO 312963 B1 20020722; NO 984917 D0 19981022; NO 984917 L 19981223; NZ 332405 A 20000623; OA 10902 A 20011011; PL 192628 B1 20061130; PL 329639 A1 19990412; SK 146198 A3 19990712; SK 286662 B6 20090305; TR 199802136 T2 20010621; US 2003195202 A1 20031016; US 2005282876 A1 20051222; US 6541496 B1 20030401; US 6967214 B2 20051122; US 7329681 B2 20080212

DOCDB simple family (application)
US 9706623 W 19970421; AP 9700973 A 19970423; AU 2678597 A 19970421; BG 10294598 A 19981123; BR 9708735 A 19970421; CA 2252465 A 19970421; CN 03100236 A 19970421; CN 97194856 A 19970421; CZ 338098 A 19970421; EA 199800943 A 19970421; EP 97918759 A 19970421; HU P0004421 A 19970421; ID 971349 A 19970423; IL 12667497 A 19970421; IN 702CA1997 A 19970422; NO 984917 A 19981022; NZ 33240597 A 19970421; OA 9800199 A 19981021; PL 32963997 A 19970421; SK 146198 A 19970421; TR 9802136 T 19970421; US 19265705 A 20050729; US 35173103 A 20030123; US 55625300 A 20000424